

20020226.ba v03\_n302.bam.20020226

>From ???@??? Tue Feb 26 09:19:48 2002 -0600  
Message-Id: <200202261519.g1QFJZPN029642@sco.theporch.com>  
Date: Tue, 26 Feb 2002 09:19:13 CST  
From: Old Tube Radios <boatanchors@theporch.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: BOATANCHORS digest 3302

## BOATANCHORS Digest 3302

Topics covered in this issue include:

- 1) Re: Oddities / Haywire crematory  
by "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
- 2) Torquoise Paint Job on Navy Radio?  
by "Robert G. Flory" <RobandPJ@compuserve.com>
- 3) Fw: [AWA] voltage regulator / isolator  
by "Ed White" <wa3bzt@wserv.com>
- 4) Re: PARAGON 2-5-U??  
by "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
- 5) Re: How to clean up the chassis?  
by Arden Allen <gumbear@pacbell.net>
- 6) Re: Torquoise Paint Job on Navy Radio?  
by Kargokult@aol.com
- 7) Re: ARC-2  
by Kargokult@aol.com
- 8) RE: Torquoise Paint Job on Navy Radio?  
by "Edward Zeranski" <ezeran@concentric.net>
- 9) Re: Millen 90801  
by "JAMES T HANLON" <knjhanlon@email.msn.com>
- 10) Re: Millen 90801  
by Tom Laszynski <k8jrm@cox.net>
- 11) Re: Millen 90801  
by "Ed Zeranski" <ezeran@concentric.net>
- 12) Re: WTB 250W or more Mod xfmr  
by wb4mnf <wb4mnf@atl.org>
- 13) RBA power connections  
by "Robert G. Flory" <RobandPJ@compuserve.com>
- 14) Looking for Audio Transformers  
by JimWMiller@aol.com
- 15) Re: good sources of transformers.  
by Chuck Swiger <cswiger@widomaker.com>
- 16) For Sale R-47, misc  
by Merz Donald S <merz.ds@mellon.com>
- 17) ADMINISTRIVIA: A Few Does and Donts  
by listtown@nanniandjack.com (Mail List Owner)
- 18) Brake Fluid - was Re: Curly cords

- by "Barry L. Ornitz" <ornitz@tricon.net>  
19) SA-2060 @legal limit on 160M?  
by AA8TV@aol.com  
20) BA Storage - Some Questions????  
by Michael Crestohl <mc@sover.net>  
21) Re: BA Storage - Some Questions????  
by "James C. Garland" <4cx250b@miavx1.acs.muohio.edu>  
22) Need 8ohm : 5K Audio Transformer  
by JimWMiller@aol.com  
23) RE: BA Storage - Some Questions????  
by "Bill Hawkins" <bill@iaxs.net>

-----  
Date: Sun, 24 Feb 2002 08:14:32 -0500 (EST)  
From: "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>  
Message-Id: <200202241314.IAA18921@aa4rm.ba-watch.org>  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: wb6nvh@mbay.net  
Subject: Re: Oddities / Haywire crematory

Hue the hamfest was at Dalton, Ga. Just a hoot and a holler away from the Nobel, Ga crematory that didn't bother with the nuisance of burning bodies. Some 280 found thru Fri. AM.

The place making national news in Walker Co. run by Ray-Brent Marsh.

Hey thanks for the ARC-2 input! OK the "2-port" 1.5mc IF Q-mult idea!

Marty

PS one of our group got a BC1158 "glide bomb" 53-95 mcs (says Chesson) transmitter yesterday. 4 815s! Looks to have scads 'o tone generators.

Was p/o RC185(?) system fm '44 & I'll bet it was the control TX for the war-weary B17s used as radio-controlled flying bombs. Like the 'system' that ended Joe Kennedy, Jr.'s life over Channel.

-----  
Date: Sun, 24 Feb 2002 09:24:10 -0500  
From: "Robert G. Flory" <RobandPJ@compuserve.com>  
Subject: Torquoise Paint Job on Navy Radio?  
To: Old Tube Radios <boatanchors@theporch.com>  
Message-ID: <200202240924\_MC3-F348-CB01@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: quoted-printable  
Content-Type: text/plain;  
charset=ISO-8859-1  
Content-Disposition: inline

Hi,

Before I put this thing in the sandblaster, has anyone seen a greenish-torquoise color on a US Navy Radio? This is a National RAO that I am working on for USS NJ, that has black wrinkle underneath, suggesting a repainting. The only reason I am hesitating is that some local friends tell me that they have seen others like it. =

73, Rob K2WI

-----  
Message-ID: <002001c1bd4f\$2822a630\$5dbc69ce@EWHITE>  
From: "Ed White" <wa3bzt@wserv.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Fw: [AWA] voltage regulator / isolator  
Date: Sun, 24 Feb 2002 11:20:19 -0500  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Gang:  
Is there any interest in this hate to take it apart for the parts  
ED  
WA3BZT

----- Original Message -----  
From: "Ed White" <wa3bzt@wserv.com>  
To: "AWA" <antiquewirelessassociation@yahoogroups.com>  
Sent: Tuesday, February 19, 2002 10:29 AM  
Subject: [AWA] voltage regulator / isolator

> I have a voltage regulator / isolator  
> Sorensen & Co Inc  
> An Isotronics Product  
> Model 1001 Regulator  
> input 95-130V 50-60cps  
> Input amperes 14.6  
> Pick up only HEAVY  
> \$50.00  
> This would make a nice way to power those old rigs that ran on 100 to 110  
VAC on your test bench.  
> Ed White  
> WA3BZT

> wa3bzt@wserv.com  
>  
>  
>  
> [Non-text portions of this message have been removed]  
>  
>  
> ----- Yahoo! Groups Sponsor ----->  
> Get your FREE credit report with a FREE CreditCheck  
> Monitoring Service trial  
> <http://us.click.yahoo.com/ACHqaB/bQ8CAA/ySSFAA/N04q1B/TM>  
> ----->  
>  
> Visit the AWA web page at: <http://www.antiquewireless.org>  
> Post message: [antiquewirelessassociation@yahoogroups.com](mailto:antiquewirelessassociation@yahoogroups.com)  
> Subscribe: [antiquewirelessassociation-subscribe@yahoogroups.com](mailto:antiquewirelessassociation-subscribe@yahoogroups.com)  
> Unsubscribe: [antiquewirelessassociation-unsubscribe@yahoogroups.com](mailto:antiquewirelessassociation-unsubscribe@yahoogroups.com)  
>  
>  
> Your use of Yahoo! Groups is subject to <http://docs.yahoo.com/info/terms/>  
>  
>  
>

-----  
Date: Sun, 24 Feb 2002 11:57:48 -0500 (EST)  
From: "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>  
Message-Id: <200202241657.LAA02572@aa4rm.ba-watch.org>  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: esharpe@uswest.net, nick@3rdtech.com  
Subject: Re: PARAGON 2-5-U??

Nick, Will

> Nick - the 2-5-U was one of the first factory transmitters available to  
hams. circa 1925.

used to own one,....

Looked it up in M. McMahon's "Vintage Radio" (1973) & there it is as a 1921  
Phone/CW 10-watt TX. Yes Phone/CW. Pg. 39

Paragon was Adams-Morgan Co. tradename.

The RXs were shown on pg. 101 & 102. In particular the RA10 & DA2 plus  
the "III" and the RA6. The RA6 dates fm 1916 & was 1st to use Armstrong  
regen. ckt - which I thot was a WW-1-ish developement.

My pal has a RA-10 & my TRF isn't shown.

BTW Marshall McMahon is a collaborator w. one Ed Sharpe in a Glendale, CA private electronics history museum. Try esharpe@uswest.net. Ed's always on milsurplus & says he's "Archivist for SMECC / [www.smecc.org](http://www.smecc.org)."

Maybe more'n you want to know

Marty

-----  
Date: Sun, 24 Feb 2002 09:08:14 -0800  
From: Arden Allen <[gumbear@pacbell.net](mailto:gumbear@pacbell.net)>  
Subject: Re: How to clean up the chassis?  
To: Old Tube Radios <[boatanchors@theporch.com](mailto:boatanchors@theporch.com)>  
Message-id: <0GS100M00RQ93G@mta5.snfc21.pbi.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=ISO-8859-1  
Content-transfer-encoding: 7bit

> .....How do these guys who really know what they are doing get ALL  
of the alumimun to look like  
> it's new? .....

I think the trick is they start out with a chassis that has NO CORROSION.  
They just wash the dust and grime off and it looks new. Just find a near  
perfect radio. Simple.

Arden Allen KB6NAX Vallejo, CA [gumbear@pacbell.net](mailto:gumbear@pacbell.net)

-----  
From: Kargokult@aol.com  
Message-ID: <6f.2307e678.29aaaeab@aol.com>  
Date: Sun, 24 Feb 2002 16:01:31 EST  
Subject: Re: Torquoise Paint Job on Navy Radio?  
To: Old Tube Radios <[boatanchors@theporch.com](mailto:boatanchors@theporch.com)>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

I have seen Navy gear in black, grey, and OD, but never the color that  
you say yours is. I think your idea is correct, it was repainted in  
civilian life.  
Hue Miller

-----  
From: Kargokult@aol.com  
Message-ID: <125.c6fc20f.29aaaaea7@aol.com>

Date: Sun, 24 Feb 2002 16:01:27 EST  
Subject: Re: ARC-2  
To: Old Tube Radios <boatanchors@theporch.com>  
CC: wb6nvh@mbay.net  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

I

<< Kargokult@aol.com wrote:

> ....No- not 1st AM xcvr. An easy earlier suggestion would be the No.19  
MK2....

>>

Now in thinking about it, the Forest Service type SPF ( ~1938 ) and type  
SP ( ~ 1934 ? ), operating around 3 MHz, both used audio circuitry shared  
by rec and trans, so these would be "early AM transceivers". I think the  
USCG's type TRC-109 (non AN/ system nomenclature) built by WE Co.  
around 1942, was also a transceiver.  
Hue Miller

-----  
From: "Edward Zeranski" <ezeran@concentric.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: RE: Torquoise Paint Job on Navy Radio?  
Date: Sun, 24 Feb 2002 16:11:31 -0800  
Message-ID: <FHEBKNEBHGNPDPLBMCNEGEEPCAAA.ezeran@concentric.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

I'm not sure about turquoise but have seen equipment painted a medium green,  
sort of like Chesapeake #55 used on boats. The color is supposed to be easy  
on the eyes having minimum glare. The equipment painted that way was used in  
portable commo shelters. Little Dickie Dillman has a GRC-9 painted that way.

-----Original Message-----

From: owner-boatanchors@theporch.com  
[mailto:owner-boatanchors@theporch.com] On Behalf Of Kargokult@aol.com  
Sent: Sunday, February 24, 2002 1:02 PM  
To: Old Tube Radios  
Subject: Re: Torquoise Paint Job on Navy Radio?

I have seen Navy gear in black, grey, and OD, but never the color that  
you say yours is. I think your idea is correct, it was repainted in  
civilian life.

Hue Miller

-----  
Message-ID: <007001c1bd9d\$fe9b72c0\$4c2fa1d8@jameshan>  
From: "JAMES T HANLON" <knjhanlon@email.msn.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Millen 90801  
Date: Sun, 24 Feb 2002 18:44:36 -0700  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

OM,

I just looked at Bama, and I didn't see the 90801 listed there. Something strange must be going on.

Anyway, for my 90800 the only power that is required is +600 or so, 6.3 volts ac for filaments, and -45 volts grid bias for the 807. There is no other B+ supply required for screens or for the oscillator. Those voltages are taken care of from the +600 volt supply by internal dropping resistors. I'd be surprised if the 90801 didn't have a similar arrangement.

Jim, W8KGI

----- Original Message -----  
From: <w5sum@glowbugs.com>  
To: "Old Tube Radios" <boatanchors@theporch.com>  
Sent: Saturday, February 23, 2002 7:30 AM  
Subject: Millen 90801

> Gentleman  
> I have recently become the proud father of a Millen 90801  
> that will be the exciter in my homebrew 813/805 rig that is  
> under construction.  
>  
> I have the schematic I downloaded from Bama, but no  
> other information. I will shortly embark upon building  
> a power supply for this little rig but need specifications for it.  
>  
> Can someone help me with the requirements?  
>  
> I'm sure 600+ for B+ is close  
> but screen and grid requirements I'm not sure of.  
>  
> any help would be greatly appreciated

>  
> thanks  
>  
> de w5sum  
>

-----  
Message-Id: <5.1.0.14.0.20020224194946.00a1c740@pop.central.cox.net>  
Date: Sun, 24 Feb 2002 20:01:18 -0500  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Tom Laszynski <k8jrm@cox.net>  
Subject: Re: Millen 90801  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

According to the 90800 manual the "...high voltage can be any value between 500 and 750 Volts, since the 807 plate tuning condenser, C-10, is double spaced. An internal voltage divider furnishes proper plate and screen voltages for both the 807 and the 6L6; therefore, only one high voltage power supply is necessary." It is very likely that the 90801 has the same Voltage divider arrangement.

BTW: The ARRL Handbook describes an 6L6/807 CW rig. The 90800 is a commercial version of this rig. I assume that the 90801 is basically a revised 90800. The original article can be found in the 1946 Handbook, page 259. The Preliminary 90800 manual sights page 149 and 152 of the 18th edition of the Handbook.

73, Tom K8JRM in OKC

-----  
Message-ID: <001401c1bdb9\$cb5f3ba0\$2bfefea9@g5p3m4>  
From: "Ed Zeranski" <ezeran@concentric.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Millen 90801  
Date: Sun, 24 Feb 2002 21:03:39 -0800  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

-----Original Message-----  
From: Tom Laszynski <k8jrm@cox.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Date: Sunday, February 24, 2002 6:03 PM  
Subject: Re: Millen 90801



>According to the 90800 manual the "...high voltage can be any value  
>between 500 and 750 Volts, since the 807 plate tuning condenser, C-10, is  
>double spaced.....

>BTW: The ARRL Handbook describes an 6L6/807 CW rig....The original article  
can be found in the 1946 Handbook,  
>page 259. The Preliminary 90800 manual sights page 149 and 152 of the 18th  
>edition of the Handbook.

>

>73, Tom K8JRM in OKC

A year or so ago I saved the 1934- early '80s QSTs from a dumpster death,  
and yep I remember seeing a project TX that is similar to the Millen unit.  
Will begin the dig!

-----  
Message-ID: <3C79F9D3.7030507@atl.org>

Date: Mon, 25 Feb 2002 03:46:11 -0500

From: wb4mnf <wb4mnf@atl.org>

MIME-Version: 1.0

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: WTB 250W or more Mod xfmr

Content-Type: text/plain; charset=us-ascii; format=flowed

Content-Transfer-Encoding: 7bit

ART-13 mod transformwer tiny?

Maybe from the viewpoint of chanting Tibetan monks.

For that part of the voice passband capable of  
carrying intelligence, the ART-13 tranny is plenty  
big.

They just weren't designed to carry the beat note of  
those big radials.

-bob wb4mnf

-----  
Date: Mon, 25 Feb 2002 07:09:22 -0500

From: "Robert G. Flory" <RobandPJ@compuserve.com>

Subject: RBA power connections

To: Old Tube Radios <boatanchors@theporch.com>

Message-ID: <200202250709\_MC3-F355-AEB3@compuserve.com>

MIME-Version: 1.0

Content-Transfer-Encoding: quoted-printable

Content-Type: text/plain;

charset=ISO-8859-1

Content-Disposition: inline

Hi,

Anyone know if RBA power connections are the same as RBB/RBC?

Rob K2WI

-----  
Date: Mon, 25 Feb 2002 07:49:55 EST  
From: JimWMiller@aol.com  
Subject: Looking for Audio Transformers  
To: Old Tube Radios <boatanchors@theporch.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit  
Message-ID: <13.71badaf.29ab8cf3@aol.com>

Good Morning,

I would like to purchase the following audio transformers:

8 ohms: 5K  
8 ohms: 50K  
8 ohms: 100K

Perhaps this table will help ID any of those unmarked xformers:

8 ohms: 1.28mh  
5K : 796.1 mh  
50K : 7.961 H  
100K : 15.92 H

Tnx in advance.

73,  
Jim, WA2UMP

-----  
Message-Id: <4.3.1.1.20020225104047.00ce2ad0@192.168.0.134>  
Date: Mon, 25 Feb 2002 10:46:36 -0500  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Chuck Swiger <cswiger@widomaker.com>  
Subject: Re: good sources of transformers.  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 10:28 AM 2/21/02 -0500, you wrote:

>>So I'm looking for good sources of transformers.

>

>See

>www.surplustuff.com

>Note spelling.

>

>He has lots of transformers..email him with your needs, do NOT just look  
>on the website.

>

>Roy

That's funny, they write back:

>I do not see anything. You are welcome to nose around the website to see  
>what I do have.

>--

>Best regards,

>Bob Grinnell

>Surplus Sales of Nebraska

Do I need to buy him a steak dinner to motivate them enough to make  
money off of me?? Hihi.

Gawd, I miss Grande Junquention.

Chuck

kb4new

cswiger@widomaker.com

-----  
Message-ID: <20020225163947.11251.qmail@mellon.com>

From: Merz Donald S <merz.ds@mellon.com>

To: Old Tube Radios <boatanchors@theporch.com>

Cc: Merz Donald S <merz.ds@mellon.com>

Subject: For Sale R-47, misc

Date: Mon, 25 Feb 2002 11:38:58 -0500

MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"

For sale

Hallicrafter r-47 speaker. This is the version with  
the raised lettering. This is in very nice cosmetic  
condition with only the lightest scuffs on its paint.  
But the speaker driver is not original. And when the  
driver was changed, the screw that holds the back on

no longer engages with the back of the speaker magnet. So the owner taped the thing together. I removed the tape but some residue remains and somehow the back still needs to attach to the front. Other than that weird problem, this would be in excellent condition. \$31

Command set splined tuning knobs #6743. I have 2 of these in excellent shape. \$12 each

BC-454-B command set receiver part of SCR-274N. Famous WWII aircraft receiver covering 3-6mc. Made by Western Electric. Marked "MFP 5/45." All original except for the usual ham mods to the FT-230 plug-box unit underneath the dial. The aluminum is slightly dirty but is not pitted or dented and should clean up to excellent or better. No solder on connections or other problems. Nice radio. Untested. \$45

RTTY paper tape in brand new, mostly unopened cartons. 23 cartons of 11/16" tape and 5 cartons of 1" tape. Just \$5 per carton plus actual shipping cost. Stock up now!

Heathkit HW-30 Twoer lunchbox transceiver for 2 meters. This is dirty but should clean up to very good or excellent condition. It is unmodified except for the antenna connector which has been changed to a BNC. With power cord. Untested. As-is. \$39

Heathkit HW-29A Sixer lunchbox transceiver for 6 meters. This is dirty but should clean up to very good or excellent condition. The front panel is excellent. The case has a couple of paint dings but nothing really noticeable. No modifications of any kind. With original microphone and power cable. Untested. As-is. \$65

Wanted: Collins 75A2 manual copy  
Wanted: B&W 210 Audio Oscillator Manual copy  
Wanted: B&W 410 Distortion Meter manual copy  
Wanted: Navy-type key knob for MacElroy

Thanks.  
73, Don Merz, N3RHT

-----  
Do You Yahoo!?

Yahoo! Sports - Coverage of the 2002 Olympic Games

<http://sports.yahoo.com>

\*\*\*\*\*

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Message-Id: <200202251915.g1PJF0u0026748@osr506.nanniandjack.com>

From: listown@nanniandjack.com (Mail List Owner)

To: Old Tube Radios <boatanchors@theporch.com>

Subject: ADMINISTTRIVIA: A Few Does and Donts

Date: Mon, 25 Feb 2002 11:15:00 -0800 (PST)

Gang-

Here are the real basics of how to keep me happy, the list noise-free, and everyone able to enjoy BoatAnchors... Simple, easy, workable...

Do not send SPAM-type e-mail messages to the list.

Do not send attachments (attached files) of \*ANY\* sort to the list. This includes HTML shortcuts, v-cards, GEDCOM files, zipped files, and \*ANY\* other type of attachment.

Do not EVER forward virus warnings (which are 99%hoaxes) or send chain letters to the list.

Do not use HTML or RTF (rich text format) in messages sent to the list.

DO keep e-mail messages to the list on topic and appropriate.

Do not post commercial messages.

Please refrain from posting "Ebay" type auction notices. Refrain from "seen on EBAY" posts...

DO be polite.

Do not flame other members of the list.

DO be considerate of the list members and list resources.

DO have fun!

--

73

Jack, W4KH/Mobile - - - Mailing List Archiver/Owner - - -  
listown@nanniandjack.com - "Plus ca change, plus c'est la meme chose"  
"Il n'y a que les idiots qui ne changent jamais d'idee"  
Mon Feb 25 11:15:00 PST 2002

-----  
Message-ID: <010601c1be64\$2ff866e0\$665462d8@naxs.com>  
From: "Barry L. Ornitz" <ornitz@tricon.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Brake Fluid - was Re: Curly cords  
Date: Mon, 25 Feb 2002 20:23:20 -0500  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I am still running well behind of the Digests as they come out, so I apologize for being late in posting this.

Steve Bringhurst suggested the use of DOT 3 brake fluid to soften rubber. I have also seen at various times (on other lists) the recommendation for brake fluid as a paint remover. I have written about this before, but let me do it again for those too new to this group to have seen my previous warnings.

**BRAKE FLUIDS SHOULD NOT BE USED IN THE  
RESTORATION OF RADIOS.**

Why? Because of its toxicity. Except for the silicone fluids (which have their own problems), brake fluids are based on glycol ether esters. Having been involved with the manufacture of some closely related chemicals, I cannot stress how dangerous these materials can be. While not generally considered carcinogenic, they are extremely toxic to the kidneys, liver, gastrointestinal system, and central nervous system. They specifically attack the male reproductive system and can cause birth defects too.

If spilled on the skin, rapid and thorough washing with soap and water is needed. But for eye contact, inhalation, or ingestion medical attention is mandatory after immediate first aid measures have been taken.

Note that some MSDS information on brake fluids tends to minimize the dangers. However, those of Pennzoil and Prestone are more accurate, reflecting the true dangers.

Email me if you need a copy of the Material and Safety Data  
Sheets for the Prestone or Pennzoil products.

73, Barry L. Ornitz      WA4VZQ      ornitz@tricon.net

-----  
From: AA8TV@aol.com  
Message-ID: <95.183590a0.29ac4155@aol.com>  
Date: Mon, 25 Feb 2002 20:39:33 EST  
Subject: SA-2060 @legal limit on 160M?  
To: Old Tube Radios <boatanchors@theporch.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Hope this is an appropriate question for this group. Does anyone know if the  
Heath SA-2060 can handle legal limit using the balanced output on 160M? I've  
been thinking of stringing up an all band antenna, center fed with 450 ohm  
ladder line and will need the SA-2060 to feed it. I have a schematic but no  
manual for the SA-2060.

Tnx.

73, Ed  
AA8TV

Lakewood, Ohio

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Message-Id: <4.3.2.7.2.20020226070400.00af48b0@mail.sover.net>  
Date: Tue, 26 Feb 2002 07:25:01 -0500  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Michael Crestohl <mc@sover.net>  
Subject: BA Storage - Some Questions????  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi Gang:

I've been lurking in the shadows for quite some time now and have enjoyed  
reading much of the traffic on here. I'd like to pose a question to the  
group that may become an interesting thread for all.

My family and I recently moved into a house here in the Upper Valley region  
of Vermont/New Hampshire. We have a nice two-car garage which has new  
electric doors that lock and a cement floor, basement ( with cement floor)  
and an attic. All three places are unheated.

My question is about equipment storage. I would like to know what is the best place to store my "Boatanchors" and manuals collection that are not being used at this time. I have kept them in a temperature and humidity controlled storage facility for the past three and a half years (don't ask what it has cost me!) but now is the time to move them.

My concerns are the heat of the attic in the summer and the potential of high humidity and of flooding of the basement. I would also like to know the best way to test the basement for humidity and what is an acceptable level. If this is relevant the house is heated by forced air from an oil-burning furnace less than a year old. The house itself is about 85 years old and is located at the top of a 100 foot embankment. My manuals are boxed in USPS Priority Mail boxes (the older ones with the non-sticky flaps) which serve as a filing system as well as keeping them flat and on order.

So basically I'm asking about the best place to store vacuum tube-based electronic equipment and paper manuals in an 85 year-old house with an attic, basement and two-car garage in Central Vermont.

73 all,

Michael Crestohl  
W1RC  
mc@sover.net

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Message-Id: <5.1.0.14.2.20020226073142.00abc678@po.muohio.edu>  
Date: Tue, 26 Feb 2002 07:35:43 -0500  
To: Old Tube Radios <boatanchors@theporch.com>  
From: "James C. Garland" <4cx250b@miavx1.acs.muohio.edu>  
Subject: Re: BA Storage - Some Questions????  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi Mike,  
Interesting question. Not too dissimilar from my own situation, except I have a 160 year old basement, and Ohio gets a lot hotter and more humid than VT. In my case, I store all my stuff in the basement, but I bought two dehumidifiers to keep it dry. The run pretty much all summer long, and drain through hoses into the basement drain. The arrangement seems to work well, and in 6 years, I've found no sign of rust or other damage.

73,  
Jim Garland W8ZR  
A

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Date: Tue, 26 Feb 2002 07:51:03 EST



From: JimWMiller@aol.com  
Subject: Need 8ohm : 5K Audio Transformer  
To: Old Tube Radios <boatanchors@theporch.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit  
Message-ID: <c8.22f3b883.29acdeb7@aol.com>

Good Morning,

To make this simple, I've narrowed my search to a single transformer. I'd like to purchase an 8 ohm to 5K ohm audio transformer. This will interface an 8 ohm speaker to a 6V6 tube in my HRO-5AT1.

Perhaps the following values will help ID any of those unmarked xformers:

8 ohms: 1.28 mh  
5K : 796.1 mh

Thanks in advance.  
73,  
Jim, WA2UMP

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From: "Bill Hawkins" <bill@iaxs.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: RE: BA Storage - Some Questions????  
Date: Tue, 26 Feb 2002 09:20:53 -0600  
Message-ID: <000501c1bed9\$2e0450e0\$290aa8c0@darius>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

As far as I'm concerned, the biggest problem is mold. This happens long before something gets rusty. When you are sensitive to mold, you get to learn about dewpoint. This is the temperature where moisture just begins to condense from the air, like the moisture on the outside of a cold drink in summertime. You can calculate dewpoint from %RH (relative humidity) and vice versa if you know the air temperature. Radio Shack and others sell \$20 digital meters for temperature and relative humidity. Weather stations, like Oregon Scientific, will calculate dew point for you.

The trick is to store paper and easily rusted gear in an area where the temperature never gets below the dewpoint. With no condensed water, there is no mildew and no rust. If you have

other allergies, dust mites go dormant when the RH is below 50%. You need to know that dewpoint remains pretty much the same in an area with air circulation, but that RH increases in the vicinity of cold surfaces like concrete or glass that has cold temperatures on the other side of it.

If water floods the floor, dewpoint will rise to at least the temperature of the water. I don't have anything expensive less than a foot off the floor.

Here in Minneapolis (dewpoint range -20 to 80) I finally got the basement under control by installing heating air intakes near floor level in the basement and blocking off the ones upstairs. The circulating air fan is on all of the time. Those with radiant heat would need to circulate air between basement main floors.

I also installed an UltraAire dehumidifier developed for use in dairy barns. It cost \$3000, but it maintains 35% at 72 degrees spring and fall. Two \$300 standard dehumidifiers could not hold 60% some days. The basement never smells moldy, so it can be used all year around. I think it was worth it. All of my good stuff and >1000 books are in the basement. Nothing is in the vented attic. Paper stuff in the garage is in sealed plastic containers.

In summer, the basement will not be a high temperature problem. Forget the attic. The garage will also get hot, but military gear can handle it. Wax capacitors and liquid electrolyte era stuff is best kept in the basement (or living room :-).

With an older house, you should make an effort to seal major outdoor air leaks, especially through the attic. When we bought this house 20 years ago, the unfinished walkout basement had neither insulation nor vapor barrier on the outside wooden wall. The attic runs 50% RH when it is 10 degrees out, attic 23 deg. BTW, dewpoint is never higher than air temperature. When it tries to be, you get rain (or snow).

YMMV, but the stuff on dewpoint is universal.

Regards,  
Bill Hawkins

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End of BOATANCHORS Digest 3302  
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